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SUBMISSION OF DRAWING CHANGES

APPLICANT(S):

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ATTORNEY DOCKET NO .:

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INVENTION:

METHOD AND APPARATUS FOR ADAPTING A TRANSMISSION POWER TO THE TRANSMISSION

QUALITY OF A TRANSMISSION CHANNEL

Assistant Commissioner for Patents, Washington, D.C. 20231

Sir:

Enclosed is one sheet of drawings, showing in red, the changes to Figure 3. Approval of the changes is respectfully requested.

Submitted by,

Mark Bergner

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Fig. 3 MAX. SNR **TOLERABLE** Tx 41 60d8 **ERROR RATE** 50dB 61 40d8 SNR- MEASURED 32, LOSS- Tx 30dB **POWER CONTROL** SNR- RATE REQUESTED 20dB RANSMISSION 10dB RATE 34 CODE 1 CODE 2000E 1000E 4000E 5000E 6 MAPS MAPS MAPS MAPS MAPS MAPS ACTUAL **ACTUAL** MOD 1 MOD 2 MCD 3 MOD 4 MCD 5 MCD 6 TRANSMISSION OR CODING & MAPPING RATE & MODULATION RATE I RATE I RATE I RATE I RATE I SCHEMA CHANNEL ENCODER CODED BIT 13 BITS Tx-SIGNAL 45 SYMBOL Tx-SIGNAL CHANNEL SIGNAL PROCESSING PROCESSING BIT-DECODER PART 1 PART 2 \$TREAM SYMBO MODULATOR 15 TRANSMISSION! 40. CHANNEL 35 28-54 21 SYMBOL вп-DIGITAL TREAM **Rx-SIGNAL** CHANNEL PROCESSING **DECODER** SLICER BIT. 25 **DEMODULATOR** 22 CHANNEL DECODER 28-55 SNR MEASUREMENT Rx 27